

# REPORT

ON THE

## SEA AND INLAND FISHERIES OF IRELAND.

FOR

1916.

---

Presented to Parliament by Command of His Majesty.

---

AGRICULTURE AND TECHNICAL INSTRUCTION  
\* (IRELAND) ACT, 1899.  
(62 AND 63 VIC., CAP. 50.)



DUBLIN:  
PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.

To be purchased through any Bookseller or directly from  
E. PONSONBY, LIMITED, 116 GRAFTON STREET, DUBLIN;  
or from H.M. STATIONERY OFFICE at the following addresses:

IMPERIAL HOUSE, KINGSWAY, LONDON, W.C.2, & 28, ABINGDON STREET, LONDON, S.W.1;  
37, PETER STREET, MANCHESTER; 1, ST. ANDREW'S CRESCENT, CARDIFF;  
23, FORTH ST., EDINBURGH.

---

1917.

[Cd. 9018.]

Price 3d. Net.

To

HIS EXCELLENCY IVOR CHURCHILL, Baron Wimborne,  
Lord Lieutenant-General and General Governor of Ireland.

MAY IT PLEASE YOUR EXCELLENCY,

I am desired by the Vice-President to submit to Your  
Excellency the Report on the Sea and Inland Fisheries of  
Ireland for the year 1916.

I have the honour to remain,

Your Excellency's faithful Servant,

T. P. GILL,

*Secretary.*

DEPARTMENT OF AGRICULTURE

AND TECHNICAL INSTRUCTION FOR IRELAND,

UPPER MERRION-STREET,

DUBLIN, 12th March, 1918.

DUBLIN CASTLE,

19th March, 1918.

SIR,

I have to acknowledge the receipt of your letter of the 15th instant, forwarding, for submission to His Excellency the Lord Lieutenant, the Report on the Sea and Inland Fisheries of Ireland for 1916.

I am,

Sir,

Your obedient Servant,

W. P. BYRNE.

The Secretary,

Department of Agriculture

and Technical Instruction,

Dublin.

# CONTENTS.

	Page.
REPORT, . . . . .	v.
SEA FISHERIES.	
Fish Landed, . . . . .	v.
Vessels and Crews, . . . . .	vi.
Loans . . . . .	vi.
Dublin Market Returns, . . . . .	vii.
Spring Mackerel Fishery, . . . . .	viii.
Autumn Mackerel Fishery, . . . . .	viii.
Summer Herring Fishery, . . . . .	ix.
Winter Herring Fishery, . . . . .	x.
Piers and Harbours, . . . . .	x.
Shell Fisheries, . . . . .	xi.
Net Mending, . . . . .	xi.
Kelp, . . . . .	xi.
By-Laws, . . . . .	
	xi.
INLAND FISHERIES.	
Salmon Fisheries, . . . . .	xi.
Eel Fisheries, . . . . .	xv.
Pollen Fisheries, . . . . .	xv.
APPENDIX . . . . .	1

SEA AND INLAND FISHERIES OF IRELAND, 1916.

# REPORT

TO THE

SECRETARY OF THE DEPARTMENT OF AGRICULTURE  
AND TECHNICAL INSTRUCTION FOR IRELAND.

SIR,

We have the honour to submit the Report for the year 1916 on the Sea and Inland Fisheries of Ireland.

## FISH LANDED.

Excluding shell-fish, the quantity of sea fish landed (566,000 cwts.) was below the average, but showed an improvement of nearly 16,000 cwts. on the figure for the previous year. There was a large falling off in the amount of herrings captured, but this was more than counter-balanced by an augmented catch of mackerel. The sum (£445,000) realised by the fishermen was, however, owing to high prices, much in excess of that in any year since the present system of collecting statistics was inaugurated over twenty-five years ago. Including shell-fish the total value was, roughly, half-a-million pounds.

Particulars of the various descriptions of fish landed will be found in Appendix No. I.

The quantities of shell-fish shown in the Appendix exceed the totals of the published monthly returns owing to the fact that shell-fish, to a considerable amount in the aggregate, are brought to land at remote creeks at which monthly collectors of statistics are not stationed and from which returns can only be procured annually. An estimate of the quantities of crabs and the various shell-fish included in the Appendix under the designation "Other Shell-Fish" has been made on the basis of the returns furnished by the monthly collectors.

The quantity of escallops landed, which is not separately distinguished in Appendix No. I, is 20,024 dozens, valued at £1,560. The figures for the previous year were 24,150 dozens, valued at £1,348.

## VESSELS AND CREWS.

The following table shows the number of Irish boats and fishermen engaged in the fisheries in 1916 and the preceding year:—

		1916.		1915.	
		Vessels.	Men.	Vessels.	Men.
First Class	...	343	2,024	381	2,310
Second Class	...	2,084	8,076	2,080	7,889
Third Class	...	599	1,829	630	1,939
Small Open Boats	...	1,295	3,860	1,185	3,531
		<hr/> 4,321	<hr/> 15,789	<hr/> 4,276	<hr/> 15,669

The numbers of motor boats employed in the fisheries in the years 1916 and 1915 were as follow:—

		1916.	1915.
Over 25 tons	...	19	17
Over 10 tons and not exceeding 25 tons	...	95	76
Over 5 tons and not exceeding 10 tons	...	66	33
Not exceeding 5 tons	...	105	69
Totals	...	<hr/> 285	<hr/> 215

## LOANS.

During the year ended 31st March, 1917, thirty-nine applications for loans, amounting in the aggregate to £10,230 6s. 0d., were received, and thirty-four loans, representing £6,864 3s. 11d., were granted. Owing, however, to the fact that all the motor engines, &c., required had not been supplied by the end of the financial year, the amount actually issued was only £4,226 6s. 10d. The following statement shows the number and amount of loans granted in each County:—

County.	No.	Amount.
		£ s. d.
Antrim	2	625 0 0
Cork	2	20 5 0
Down	20	3,413 17 7
Dublin	2	300 0 0
Londonderry	1	173 1 4
Louth	1	150 0 0
Waterford	1	80 0 0
Wicklow	5	2,102 0 0
Total	34	<hr/> £6,864 3 11

The majority of the sums advanced was for the installation of motor engines in existing boats.

The promissory notes signed to secure principal and interest, inclusive of £8,176 19s. 11d. of unrepaid notes taken over by the Department at the commencement of their administration of fishery loans in non-congested districts, amount to £107,521 13s. 6d. The amount repaid is £79,810 8s. 5d., while securities on hands which have not yet matured for payment represent £24,268 1s. 5d.

The total arrears of repayment of instalments stood at £2,607 18s. 8d. at the end of the financial year, a reduction of nearly £360 on the amount outstanding at the end of the previous year.

The amount written off as irrecoverable (£835 5s. 0d.) remains the same as at the end of the previous year.

#### DUBLIN MARKET RETURNS.

The amount of sea fish captured by trawl and hook which passed through the Dublin Market during the year was 2,713 tons, being an increase of 417 tons from that of the previous year.

The fish received from steam trawlers included :—

	Boxes.		Boxes.
Black Soles ...	152	Whiting ...	12,694
Turbot ...	82	Hake ...	5,160
Brill ...	106	Gurnard ...	1,352
Plaice ...	1,992	Coalfish ...	1,992
Megrims ...	623	Ray ...	1,600
Dabs ...	1,547	Conger ...	1,367
Cod ...	9,766		

The supplies of trawl and hook fish from other Irish sources were as follows :—

	Tons.	
Dublin Bay (Sailing vessels)	76	principally Plaice and Ray.
Howth ...	110	" Cod.
Balbriggan ...	72	" Plaice and Ray.
Galway ...	50	" Plaice, Whiting Ray. and Black Soles.
Dingle ...	155	" Plaice, Black Soles and Ray.
Other Localities ...	192	" Cod, Haddock, Plaice, and Ray

The amount of imported fresh fish, excluding that mentioned in the following paragraph, was 16 tons, consisting mainly of haddock and plaice. The figure for 1915 was 24 tons.

Besides the foregoing, there passed through the Dublin Market during the year 4,458 barrels and 8,275 boxes of Irish fresh herrings; and 188 barrels of Irish cured herrings. The mackerel amounted to 6,158 boxes of Irish caught fish.

The quantities of salmon, trout and shell-fish passing through the Market are not recorded in a form capable of being reduced to a statistical statement.

#### SPRING MACKEREL FISHERY.

The quantity of mackerel captured during the Spring season (128,500 cwts.) showed a welcome improvement on the results of recent seasons, and was the greatest since the year 1910. The money realised (£65,000) was double that of the previous season. The increase in total value was in part due to the greatly enhanced prices in the markets. Over 3,000 barrels were cured for exportation. More than one-third of the entire catch was landed at Baltimore, and over one-sixth at Valentia. A table showing the results at the principal stations during the seasons of 1914, 1915, and 1916 is appended:—

CENTRE.	1916.		1915.		1914.	
	Quantity Landed.	Value.	Quantity Landed.	Value.	Quantity Landed.	Value.
	Cwts.	£	Cwts.	£	Cwts.	£
Kinsale ... ..	3,540	2,662	4,596	2,278	12,698	4,403
Union Hall ... ..	1,389	604	788	339	8,736	2,195
Baltimore ... ..	46,132	28,957	23,512	12,177	19,699	4,340
Valentia ... ..	23,577	11,074	20,837	8,991	28,948	9,262
Dingle ... ..	7,555	2,351	1,020	345	4,402	869
Ballinagall ... ..	5,443	2,669	1,584	660	300	102
Aran Islands (Galway)	5,031	1,943	4,248	1,063	1,260	302
Roundstone ... ..	5,858	2,407	2,501	772	1,578	415
Cleggan ... ..	4,902	1,967	2,586	1,345	2,389	778

#### AUTUMN MACKEREL FISHERY.

The result of the Autumn Mackerel Fishery, though better than that of 1915-6, was very much below the average. So far as the gain to the fishermen was concerned, however, the shortage in capture was, to a great extent, compensated for by the higher prices realised during the last two seasons. About 65,000 cwts. valued at £44,000 were landed in the Autumn of 1916-17, and 53,000 cwts. valued at £33,000 in 1915-16. Some 12,250 barrels were cured.

The following table of figures for the principal centres shows that



there was a very great improvement at Valentia, and substantial increases at the others, with the exception of the Dingle Peninsula :—

CENTRE.	1916.			1915.		
	Quantity Landed.	Value.	Barrels Cured.	Quantity Landed.	Value.	Barrels Cured.
	Cwts.	£	No.	Cwts.	£	No.
Baltimore ...	3,127	4,440	57	3,973	3,011	250
Kemmare River ...	8,807	3,708	2,755	3,167	2,585	1,601
Valentia ...	12,919	8,544	3,500	4,734	3,672	—
Dingle Peninsula ...	15,373	11,476	3,140	15,791	12,264	4,671
County Galway ...	8,020	6,674	1,757	5,512	3,356	561

### SUMMER HERRING FISHERY.

The quantity of herrings captured (209,000 cwts.) during the Summer Fishery was fairly well up to the average of the previous ten years. Although the take showed a decline of nearly 40,000 cwts. from that of the season of 1915, the value (£154,000) was about £2,000 greater. The results at the principal stations for the past three years are shown in the appended table :—

CENTRE.	1916.		1915.		1914.	
	Quantity Landed.	Value.	Quantity Landed.	Value.	Quantity Landed.	Value.
	Cwts.	£	Cwts.	£	Cwts.	£
Killybegs ...	2,582	2,425	7,888	5,283	1,833	636
Burtonport ...	2,545	2,564	14,716	7,358	2,416	530
Kincasslagh ...	4,365	3,780	10,150	5,600	4,372	1,303
Inishbofin ...	3,740	2,704	16,123	4,845	1,168	359
Downings ...	14,489	11,299	20,831	10,465	13,718	5,973
Portavogie ...	11,208	5,186	8,426	3,922	5,835	1,991
Ardglass ...	39,090	30,333	58,297	37,380	45,323	12,300
Kilkeel ...	13,404	8,892	17,941	10,089	18,122	5,476
Howth ...	51,342	42,115	45,957	40,051	27,065	9,014
Dunmore East ...	33,007	22,661	21,122	12,298	3,812	1,107

It will be seen that the landings at the Donegal ports were very much less than in the previous year. This was due to the smallness of the fleet engaged, but the boats which operated there, both sail and motor, had exceptionally good earnings. The catch at Ardglass was much lighter than in the previous year, and that at Kilkeel also showed a decline, but that at Howth showed an improvement. There was a very successful fishing during the months of May and June at Dunmore East, Co. Waterford, at which port one steam drifter made over £1,400 gross at the fishing. It would appear from information received from a curer at Ardglass that herrings cured there have a very high reputation and meet with a ready sale in the American market.

## WINTER HERRING FISHERY.

The most remarkable feature of the Autumn and Winter Herring Fishery was the very great advance in the prices paid for the fish. The amount landed was larger than in either of the two preceding seasons. In 1916-17 the quantity and value, respectively, of the catch were 110,000 cwts. and £93,500; in 1915-16, 91,000 cwts. and £55,000; and in 1914-15, 88,000 cwts. and £36,400. An examination of the following statement regarding the principal stations will show that the fishing in the Irish Sea was not by any means so successful as in 1915-16, but that the deficiency was more than made up by the increased captures at Dunmore East (Co. Waterford) and at the Donegal Ports:—

Catchment.	1916-17.		1915-16.	
	Quantity Landed.	Value.	Quantity Landed.	Value.
	Cwts.	£	Cwts.	£
Ardglass ... ..	1,639	1,259	1,038	745
Kilkeel ... ..	3,259	3,624	2,820	1,284
Dundalk ... ..	11,737	11,115	17,480	10,446
Blackrock (Co. Louth) ...	3,518	2,824	5,047	3,530
Annagassan ... ..	2,244	2,061	5,519	3,193
Clogher Head ... ..	615	510	5,865	1,960
Balbriggan ... ..	12,144	8,569	16,356	7,251
Howth ... ..	944	809	5,012	2,634
Dunmore East ... ..	7,038	8,664	4,441	5,383
Killybegs ... ..	4,301	3,746	4,193	4,151
Toelin ... ..	3,317	3,101	1,365	954
Burtonport ... ..	11,325	10,989	2,768	3,091
Kincasslagh ... ..	6,035	4,554	68	47
Mulroy ... ..	20,868	14,803	3,450	2,827

With a view to maintaining the efficiency of the herring-fishing fleets, a quantity of second-hand nets was purchased during the year, and distributed at cost price to persons engaged in the fishery. The results of this operation were very satisfactory, as a number of boats which would otherwise have been idle were fitted out for the Winter season.

## PIERS AND HARBOURS.

No new work was started during the year, but progress was made with the schemes for the improvement of the harbour accommodation at Kilkeel (Co. Down), Annagassan (Co. Louth), and Helvieck (Co. Waterford). The facilities for navigation at Arklow Harbour were well maintained by the Dredger "Fag-an-Bealach" under the existing arrangement with the Harbour Commissioners.

In continuation of the return given in previous Reports, it is recorded that there was no expenditure by the Commissioners of Public Works under the Sea Fisheries (Ireland) Act, 1883, in the year ended 31st March, 1917.

## SHELL FISHERIES.

Further steps for the improvement of the public oyster fishery at Kinsale were taken, and over 31,000 oysters from Tralee Bay were laid down in Kinsale Harbour.

Officers appointed by the Department exercised supervision over the public oyster fisheries in Kinsale and Waterford Harbours, at Clarenbridge (Co. Galway) and at Inishlyre (Co. Mayo); over the mussel fisheries of Castlemaine Harbour; and the scallop fisheries in Connemara.

## NET MENDING.

The class in net mending which has been carried on in previous years at Kinsale, was continued during the winter. The average attendance of pupils, all of whom came from the fishing population, was about 20.

## KELP.

According to the returns received, the amount of kelp exported in 1916 was, approximately, as follows:—

County Clare	...	...	...	...	763 tons.
„ Galway	...	...	...	...	1,360 „
„ Mayo	...	...	...	...	180 „
„ Sligo	...	...	...	...	740 „
„ Donegal	...	...	...	...	1,078 „
„ Antrim	...	...	...	...	30 „
					<hr/>
					4,151 tons.

Value about £31,132, showing an average appreciation of £2 per ton over the price in the previous year.

## BY-LAWS.

Since the date of the last Report, By-Laws have been made (a) affecting the Oyster Fisheries of Tralee Bay; (b) fixing a period during which it shall not be lawful to take Mussels from a certain portion of Castlemaine Harbour; (c) prohibiting the having in possession in the Kenmare District of Salmon or Trout killed by explosives, or by poison; and (d) prohibiting the taking of fish with the hands, and other practices, in the Sligo District.

Orders were also made defining the boundary between the tidal and fresh-water portions of the Kilcolgan and Clarenbridge Rivers in the Galway District, and the Owenglin or Clifden River in the Ballinakill District.

The above By-Laws and Orders will be found in Appendix No. p. 27.

## INLAND FISHERIES.

## SALMON FISHERIES.

From the returns received from the various Railway Companies it would appear that the product of the salmon and trout fisheries was under the average in quantity.

The figures given in the last Report showing the annual capture by drift-nets off the coast between Roundstone (Co. Galway) and Portrush (Co. Antrim) since 1905 are continued :—

Year.	No. of Fish Landed.	Weight in Cwts.
1905	38,122	2,160
1906	57,589	3,313
1907	41,354	2,367
1908	33,953	2,031
1909	84,668	4,937
1910	66,274	3,844
1911	85,614	4,909
1912	68,220	3,944
1913	63,772	3,822
1914	53,824	3,274
1915	31,725	1,783
1916	20,141	1,103

The further decline during the year under review is, no doubt, largely attributable to the number of boats engaged again showing a diminution, the number of drift-net licences taken out in the Districts chiefly concerned being 74 less than in the previous year.

Of 18,514 boxes of salmon received during the year at Billingsgate, 5,992 were from Ireland. In the previous year out of a total of 24,728 boxes 7,354 were from Ireland.

The reports received from the Clerks to the Boards of Conservators indicate that the salmon fisheries in the rivers which flow into the sea on the eastern and southern coasts are, taken generally, improving, but that, with some exceptions, they are declining elsewhere.

Angling results were, on the whole, good during the Spring, but poor in many places in the summer owing to low water.

In the great majority of districts weather conditions were favourable both to netting and angling.

Diseased fish were only observed in the Dublin District and not to the same extent as in the previous year.

Poisoning of rivers and the use of explosives are still more or less prevalent in the South-western Districts, and many cases of pollution by the effluent from flax dams continue to be reported from the North.

Poaching was apparently less prevalent than in previous years.

The number of spawning fish observed during the Winter of 1916-17 was greater than in the previous year. There were unusually severe and prolonged frosts during the spawning season.

Owing to the suspension of the subsidies usually paid by the Department, and to other circumstances resulting from the War, the number of

salmon hatcheries in operation during the season 1916-17 was very much smaller than usual. The estimated output of salmon and trout fry was as follows :—Salmon, 2,978,000 ; Trout, 52,000.

Over 1,100,000 salmon fry were turned out from the Mallow and Banteer Hatchery.

The amount of licence duty received by the Boards of Conservators fell from £9,318 5s. 0d. to £8,725 as a result of a decrease in the number of net licences taken out.

Particulars of the captures during the year at certain of the more important Salmon Fisheries are as follows :—

*Waterford District.*

At Cahirpark Rod Fishery, on the River Suir, 55 fish, weighing altogether 757 lbs., were taken.

At Neddin's Water 29 fish, weighing altogether 444½ lbs., were captured.

*Lismore District.*

At the Dromana Fishery 585 fish were taken during the season.

The take of salmon and grilse at the Blackwater Fishery was 24 *per cent.* below the average for the 25 years ended 1899. Salmon was 18 *per cent.* below the average for the nine years, 1891-1899, and grilse was 83 *per cent.* below the average for the same nine years.

*Kenmare District.*

The capture at the Blackwater Fishery (Co. Kerry) was 73½ *per cent.* below the average for the 25 years ended 1899.

*Waterville District.*

The number of fish taken at Waterville Weir during the season was 603.

*Killarney District.*

The capture at the Laune Fishery below Killorglin Bridge was 44½ *per cent.* below the average for the 24 years ended 1898. The take of grilse in June and July was the smallest since 1905.

*Limerick District.*

At the Newgarden, Prospect, Doonass, Castle, Hermitage, Woodlands, World's End, and Summerhill Fisheries the total number and weight of fish taken were, respectively, 387 and 5,573½ lbs.

*Ballina District.*

The capture at the Moy Fishery was 67 *per cent.* below the average for the 25 years ended 1899.

In respect of the year ended 31st March, 1917, the Department made grants, amounting to £2,190 13s. 11d., as specified below, to assist in the improvement and protection of inland fisheries.

	£	s.	d.
To the Dublin Board of Conservators	11	8	0
Waterford do. ... ..	100	0	0
Cork do. ... ..	291	6	0
Bandon do. ... ..	32	16	0
Skibbereen do. ... ..	25	0	0
Bantry do. ... ..	9	0	0
Kenmare do. ... ..	60	0	0
Waterville do. ... ..	40	0	0
Killarney Board of Conservators (including expenditure in connection with fisheries at Cromane)	338	7	8
Limerick Board of Conservators (including expenditure in connection with Lower Shannon Patrol Boat) ... ..	383	13	9
Galway Board of Conservators	40	0	0
Bangor do. ... ..	40	0	0
Ballina do. ... ..	200	0	0
Sligo do. ... ..	80	0	0
Ballyshannon do. (Bundrowes Committee)	18	18	0
Letterkenny do. ... ..	50	0	0
Londonderry do. ... ..	80	0	0
Coleraine do. ... ..	80	0	0
Dundalk do. ... ..	40	0	0
Drogheda do. ... ..	40	0	0
Corrib Fisheries' Association	20	0	0
Camcor and Little Brosna Fishery Association	8	15	0
Lough Derg Fishery Society	40	0	0
Lough Arrow Fish Preservation Society	10	0	0
Lough Sheelin Trout Protection Association	20	0	0
Derravaragh Angling Association	10	0	0
Loughs Mask and Carra Fishery Association	10	0	0
Loughs Conn and Cullen Fishery Association	11	8	0
For Fish Passes ... ..	10	0	0
Miscellaneous Purposes	90	1	6
Total	£2,190	13	11

The Fishmongers' Company continued to give effective aid in the suppression of the traffic in salmon and trout illegally caught in Ireland.

We desire again to express appreciation of the invaluable services rendered by the officers and men of the Royal Irish Constabulary in the protection of the salmon fisheries.

## EEL FISHERIES.

Judging by the quantity carried over the Irish Railways the catch of eels in 1916 was much greater than in any recent year.

The general state of the eel fisheries of the River Shannon, which affords employment to about 180 persons, was reported to be very good and to have shown an improvement on the previous year. The capture by coghill nets on the River Bann and by long lines on Lough Neagh was valued at £14,000. The local fishery owners on the Bann employ some 60 men, and 250 fishermen follow eel fishing on Lough Neagh.

The eel fisheries in the Wexford and Waterford Districts, where about £200 was realised by some 30 persons, were poor. In the Lismore District, where an improvement was apparent, eels to the value of £33 were sent to market. The results in the Galway District were better than usual. The output from the Ballina District was not widely different from that of last year, but the value was greater owing to enhanced prices. In the Dundalk District, where some 30 persons are engaged in the industry, the fishery was satisfactory and eels valued at £380 were taken. In the adjoining Drogheda District, however, fishing operations were interfered with by high floods.

## POLLEN FISHERIES.

From a report received from the Clerk to the Coleraine Board of Conservators it would appear that the quantity of pollen caught in Lough Neagh was about the same as in the previous year. The fish were of fine quality, and realised prices equal to those obtaining in the previous season. The greater portion of the fish was shipped to the English markets. Owing to dislocation of traffic arrangements in the year 1915 some of the catch had to be sold locally at reduced prices, but, as a result of improved transit facilities, the amount that had to be disposed of in this manner in the year under review was very small.

It is regretted that the practice of baiting eel lines with small pollen and pollen fry still continues.

In connection with the fishery, there were issued 80 trammel net licences and 123 draft net licences, and the licence duty amounted to £264 10s. 0d.

## SCIENTIFIC REPORTS.

Many scientific and other reports have been received during the year, and this opportunity is taken of thanking those who placed the valuable information they contain at the disposal of the Department.

## MEMBERS OF THE STAFF SERVING WITH H.M. NAVAL AND MILITARY FORCES.

We deeply regret to record that Captain A. B. E. Hillas, Gordon Highlanders, Assistant Inspector of Fisheries, has been reported missing since the 23rd April, 1917, under circumstances which leave practically no hope of his being alive. He appears to have been a most capable

soldier, implicitly trusted by his superior officers and popular with all ranks. His place in the Department will be hard to fill when circumstances admit of the resumption of the branches of work with which he was occupied.

Mr. J. A. Watts, Cavalry Cadet, Second Division Clerk, has received a Commission as Second Lieutenant in the South Irish Horse, and has since been promoted to the rank of Captain. Mr. A. M. Ewen, Second Lieutenant, Royal Dublin Fusiliers, Second Division Clerk, has been promoted to Lieutenant. Mr. W. N. Gourlay, Royal Dublin Fusiliers, Second Division Clerk, has been gazetted Second Lieutenant. He was slightly wounded last year. Mr. A. C. Kelly, South Irish Horse, Temporary Clerk, has recovered from his wound, mentioned in our last Report, and returned to active service. Lieutenant D. Thompson, R.N.R., has been assigned to special service duties.

There is nothing special to record in the case of the other officers of the Fisheries Branch now in Naval or Military Service.

We have the honour to be,

SIR,

Your obedient Servants,

E. W. L. HOLT,

*Chief Inspector of Fisheries.*

CHARLES GREEN,

R. H. LEE,

*Inspectors of Fisheries.*

Department of Agriculture and Technical

Instruction for Ireland,

(Fisheries Branch),

11th March, 1918.



# APPENDIX TO THE REPORT

ON THE

## SEA AND INLAND FISHERIES OF IRELAND

FOR THE YEAR 1916.

---

### Appendix

No.	Page
1. Quantity and Value of Fish landed ... ..	2
2. Licence duties payable in Ireland . ... ..	4
3. Licence duties received in 1916 ... ..	6
4. Abstracts of Accounts from Boards of Conservators ... ..	8
5. By-Laws, Orders, &c., which have come into force since last Report ... ..	27
6. Transfer of Fixed Net Certificates ... ..	28

## APPENDIX

## STATEMENT of the Total Quantity and Value of the Fish returned as landed

	North Coast. (Erris Head to Torr Head.)				East Coast. (Torr Head to Carrisore Point).			
	Quantity.		Value.		Quantity.		Value.	
	1916	1915	1916	1915	1916	1915	1916	1915
	Cwts.	Cwts.	£	£	Cwts.	Cwts.	£	£
Brill ... ..	21	60	25	62	110	77	541	207
Sole ... ..	127	135	562	563	355	403	2,267	2,440
Turbot ... ..	15	38	70	144	120	106	790	860
<b>Total Prime Fish ...</b>	<b>163</b>	<b>233</b>	<b>657</b>	<b>769</b>	<b>585</b>	<b>706</b>	<b>3,608</b>	<b>3,507</b>
Cod ... ..	3,005	2,738	3,231	3,889	11,019	9,112	21,110	11,621
Conger Eel ... ..	131	147	231	197	1,246	1,076	1,054	1,554
Haddock ... ..	2,540	1,535	3,069	2,018	351	412	603	508
Hake ... ..	—	—	—	—	4,598	2,836	10,786	5,326
Herrings ... ..	48,992	104,010	43,308	46,795	173,917	199,538	182,228	117,991
Ling ... ..	5	8	13	10	304	422	540	894
Mackerel ... ..	5,997	4,587	2,661	1,861	5,164	5,626	2,070	1,856
Plaice ... ..	1,847	2,628	2,349	2,896	4,952	4,427	10,508	8,271
Ray or Skate ... ..	1,578	2,494	644	740	2,232	2,638	1,916	1,918
Sprats ... ..	152	—	42	—	—	—	—	—
Walling ... ..	940	184	698	511	11,731	7,160	15,729	8,690
All other except Shell Fish ...	670	1,681	564	843	6,537	6,238	0,765	5,444
<b>Total, ... ..</b>	<b>66,029</b>	<b>199,815</b>	<b>57,547</b>	<b>62,266</b>	<b>232,936</b>	<b>238,035</b>	<b>207,329</b>	<b>167,420</b>
<b>SHELL FISH:—</b>	<b>No.</b>	<b>No.</b>			<b>No.</b>	<b>No.</b>		
Crabs ... ..	57,217	79,176	398	516	44,600	51,018	324	344
Lobsters ... ..	129,120	136,355	4,716	4,460	110,013	129,996	5,494	6,310
Mussels ... ..	Cwts. 2,790	Cwts. 1,360	206	84	Cwts. 9,705	Cwts. 8,145	1,758	1,075
Oysters ... ..	No. —	No. —	—	—	No. 2,181,440	No. 628,990	4,076	1,333
Other Shell Fish ... ..	Cwts. 395	Cwts. 950	109	171	Cwts. 1,175	Cwts. 1,825	692	626
<b>Total, ... ..</b>	<b>—</b>	<b>—</b>	<b>5,424</b>	<b>5,229</b>	<b>—</b>	<b>—</b>	<b>13,224</b>	<b>9,690</b>
<b>Total Value of Fish landed, ...</b>	<b>—</b>	<b>—</b>	<b>62,971</b>	<b>67,495</b>	<b>—</b>	<b>—</b>	<b>220,550</b>	<b>177,110</b>

No. 1.

landed on the Irish Coasts during the Year 1916, as compared with that during 1915.

South Coast. (Crosses Point to Loop Head)				West Coast. (Loop Head to Erris Head).				TOTAL.			
Quantity.		Value.		Quantity.		Value.		Quantity.		Value.	
1916	1915	1916	1915	1916	1915	1916	1915	1916	1915	1916	1915
Cwts.	Cwts.	£	£	Cwts.	Cwts.	£	£	Cwts.	Cwts.	£	£
99	125	370	209	11	7	43	18	241	259	908	646
623	606	3,499	2,004	271	242	1,303	675	1,370	1,440	7,031	4,972
68	80	340	390	125	124	543	556	328	394	1,743	1,850
790	797	4,218	3,533	407	373	1,889	1,540	1,945	2,090	10,373	9,468
181	179	264	248	778	1,030	621	570	15,833	13,039	25,230	15,334
302	701	201	367	870	640	779	351	2,039	3,073	2,935	2,449
410	14	438	17	253	319	347	373	3,354	2,280	4,457	2,903
50	18	72	20	-	33	-	16	4,448	2,356	10,658	5,362
64,257	53,130	45,025	26,419	11,455	9,296	8,122	5,454	308,021	302,973	229,725	199,659
173	241	214	229	359	705	330	489	841	1,373	897	1,082
138,302	94,432	80,022	40,850	32,280	19,673	16,690	8,464	194,803	124,618	111,052	41,831
4,731	1,530	3,903	1,003	481	455	502	518	10,941	9,000	17,512	13,020
1,011	1,344	925	519	1,073	659	802	245	6,494	7,139	4,080	3,417
16	1,216	5	405	-	-	-	-	108	1,216	47	405
122	57	177	45	225	273	318	243	13,097	8,274	16,917	9,789
1,260	1,542	1,682	970	2,810	2,802	2,437	1,544	11,083	12,173	10,848	9,101
251,801	155,227	140,899	84,035	51,351	30,117	33,157	20,122	506,137	550,194	444,929	324,443
No.	No.			No.	No.			No.	No.		
10,288	14,985	70	111	780	3,776	8	48	112,885	148,855	801	1,017
281,223	250,008	11,432	8,864	301,368	283,346	10,476	8,757	323,740	303,765	32,146	25,421
Cwts.	Cwts.			Cwts.	Cwts.			Cwts.	Cwts.		
12,805	11,290	2,011	1,516	2,030	4,500	202	301	27,820	25,295	4,157	2,976
No.	No.			No.	No.			No.	No.		
279,983	181,004	689	509	310,212	689,196	2,383	1,642	3,271,635	1,491,080	8,048	3,546
Cwts.	Cwts.			Cwts.	Cwts.			Cwts.	Cwts.		
5,900	5,895	1,400	1,387	11,800	12,003	3,616	2,130	13,179	20,639	5,913	4,514
-	-	15,784	12,647	-	-	16,635	12,908	-	-	51,067	40,474
-	-	182,633	97,282	-	-	49,842	35,050	-	-	49	574,917
										5,990	

## APPENDIX

## SCHEDULE OF LICENCE DUTIES payable in each District on Engines

DISTRICT.	1. Salmon Bods.	2. Cross Lines.	3. Snap Nets.	4. Draft Nets.	5. Beift Nets.	6. Trawl Nets for Poller.	7. Draft Nets for Poller.	8. Pole Nets.	9. Bag Nets.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Dublin ...	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0	
2. Wexford ...	1 0 0	2 0 0	0 15 0	3 0 0	1 10 0	-	-	2 0 0	
3. Waterford ...	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0	
4. Lismore ...	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0	
5. Cork ...	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0	
6 <sup>a</sup> . Skibbereen ...	1 0 0	1 0 0	0 15 0	3 0 0	3 0 0	-	-	1 0 0	
6 <sup>b</sup> . Bantry ...	1 0 0	1 0 0	0 15 0	3 0 0	3 0 0	-	-	1 0 0	
6 <sup>c</sup> . Kenmare ...	1 0 0	1 0 0	0 15 0	3 0 0	3 0 0	-	-	1 0 0	
7 <sup>a</sup> . Killybegny ...	1 0 0	2 0 0	1 0 0	3 0 0	3 0 0	0 15 0	0 15 0	1 0 0	
7 <sup>b</sup> . Waterville ...	1 0 0	2 0 0	1 0 0	3 0 0	3 0 0	0 15 0	0 15 0	1 0 0	
8. Limerick ...	1 0 0	1 5 0	1 10 0	3 0 0	3 0 0	1 10 0	-	2 0 0	
9 <sup>a</sup> . Galway ...	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0	10 0 0
9 <sup>b</sup> . Connemara ...	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0	
10 <sup>a</sup> . Ballynahilly ...	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0	
10 <sup>b</sup> . Bangor ...	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0	
11. Ballina ...	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0	
12. Sligo ...	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0	
13. Ballyshannon ...	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	1 10 0	-	2 0 0	
14. Letterkenny ...	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0	
15 <sup>a</sup> . Londonderry ...	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0	
15 <sup>b</sup> . Coleraine ...	1 0 0	2 0 0	0 15 0	3 0 0	3 0 0	1 0 0	1 10 0	2 0 0	
16. Ballycastle ...	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0	
17 <sup>a</sup> . Drogheda ...	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0	
17 <sup>b</sup> . Dundalk ...	1 0 0	2 0 0	1 10 0	3 0 0	3 0 0	-	-	2 0 0	

No. 2.

used for Fishing for Salmon, &c., at date of this Report.

10. Fly Nets.	11. Snake Nets.	12. Head Weirs.	13. Boat, Crab, &c.	14. Gap, Kye, &c.	15. Nets, &c.	16. Coghills.	17. Loop Nets.	18. Long Lines for White Trout.	19. Eel Trap.
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
				1 0 0	-	-	-	-	-
				0 10 0	-	1 0 0	-	-	-
				1 0 0	-	-	-	-	-
				1 0 0	-	-	-	-	-
				1 0 0	-	-	-	-	-
				0 10 0	-	-	-	-	-
				0 10 0	-	-	-	-	-
				0 10 0	3 0 0	1 10 0	-	-	-
				0 10 0	-	-	-	-	-
				0 10 0	-	-	-	-	-
				1 0 0	-	-	-	-	-
30 0 0	30 0 0	6 0 0	10 0 0	1 0 0	-	1 0 0	-	-	7 10 0
				1 0 0	-	1 0 0	-	-	-
				1 0 0	-	-	-	-	-
				1 0 0	-	-	-	-	-
				1 0 0	-	-	-	-	-
				1 0 0	-	-	-	-	-
				1 0 0	-	1 0 0	-	-	-
				0 10 0	-	1 0 0	0 10 0	1 0 0	-
				1 0 0	-	-	-	-	-
				1 0 0	-	2 0 0	-	-	-
				1 0 0	-	0 10 0	-	-	-
				1 0 0	-	1 0 0	0 10 0	-	-
				1 0 0	-	1 0 0	-	-	-

## SCHEDULE OF LICENCE DUTIES, &amp;c., received by the

DISTRICT.	Number and Description of Licences sold.																		
	1. Salmon Rods.	2. Cross Lines.	3. Snag Nets.	4. Draft Nets.	5. Draft Nets.	6. Trammel Nets for Pollen.	7. Pole Nets.	8. Bag Nets.	9. Fly Nets.	10. Stake Nets.	11. Head Weirs.	12. Boor, Crib, &c.	13. Gup, Eye, &c.	14. Sweepers.	15. Cogilla.	16. Loop Nets.	17. Draft Nets for Pollen.	18. Long Lines for White Trout.	19. Set Trap.
1. Dublin ...	111	-	-	12	14	-	-	-	-	-	-	7	-	-	-	-	-	-	-
2. Wexford ...	107	1	-	74	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-
3. Waterford ...	260	-	121	19	85	-	-	1	-	3	-	4	10	-	-	-	-	-	-
4. Limerick ...	162	1	22	15	78	-	1	-	-	3	-	1	-	-	-	-	-	-	-
5. Cork ...	160	-	-	37	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Do. (Bandon) ...	76	1	-	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 <sup>a</sup> . Skibbereen ...	12	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 <sup>b</sup> . Bantry ...	2	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 <sup>c</sup> . Kenmare ...	21	-	-	7	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
7 <sup>a</sup> . Killarney ...	115	-	-	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 <sup>b</sup> . Waterville ...	72	-	-	3	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
8. Limerick ...	400	8	18	70	50	-	4	-	-	35	-	11	191	-	-	-	-	-	-
9 <sup>a</sup> . Galway ...	78	-	-	11	-	-	-	-	-	-	-	5	30	-	-	-	-	-	1
9 <sup>b</sup> . Connemara ...	86	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-
10 <sup>a</sup> . Ballinakill ...	38	-	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 <sup>b</sup> . Banger ...	52	-	-	16	9	-	-	2	-	-	-	-	-	-	-	-	-	-	-
11. Ballina ...	45	-	-	15	28	-	-	-	-	-	-	7	21	-	-	-	-	-	-
12. Sligo ...	43	-	-	7	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-
13. Ballyshannon ...	60	5	-	15	5	-	5	-	-	1	-	5	30	-	-	-	-	-	-
14. Letterkenny ...	93	-	-	18	117	-	-	1	-	-	-	2	1	-	-	10	-	-	-
15 <sup>a</sup> . Londonderry ...	172	-	-	22	67	-	2	4	-	3	-	-	-	-	-	-	-	-	-
15 <sup>b</sup> . Colvaize ...	100	-	-	9	11	30	-	1	-	-	-	4	-	-	46	-	123	-	-
16. Ballycastle ...	52	-	-	7	8	-	-	12	-	-	-	-	-	-	1	-	-	-	-
17 <sup>a</sup> . Drogheda ...	94	2	1	160	-	-	-	-	-	-	-	5	23	-	-	-	-	-	-
17 <sup>b</sup> . Dundalk ...	45	-	-	22	-	-	1	1	-	-	1	-	10	-	-	-	-	-	-
Total, 1916	2,423	19	162	370	476	80	15	24	-	45	1	47	338	-	47	16	123	-	1
Total, 1915	2,358	16	184	300	363	70	15	24	-	46	-	40	334	1	76	19	131	1	-

The estimate of the average number of

1. Salmon Rods	...	1 man.	6 Trammel Nets	...	2 men.
2. Cross Lines	...	2 men.	7. Pole Nets	...	3 do.
3. Snag Nets	...	4 do.	8. Bag Nets	...	4 do.
4. Draft Nets	...	5 do.	9. Fly Nets	...	4 do.
5. Uelk Nets	...	3 do.	10. Stake Nets	...	4 do.

No. 3.

BOARDS OF CONSERVATORS for the year 1916.

Amount of License Duty.	Percentage on Poor Law Valuation.	Amount received for Fines, Sale of Forfeited Engines, Interest on Bank Account, Refunds, &c.	Amount of Subscriptions received.	Total Amount received.	Average No. of persons employed.	DISTRICT.
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		
103 0 0	7 10 0	2 0 10	46 6 0	248 16 10	259	1. Dublin.
341 0 0	20 1 6	10 10 10	—	371 12 4	571	2. Wexford.
918 10 0	59 9 6	28 1 11	130 10 0	1,111 11 5	1,344	3. Waterford.
568 0 0	207 13 0	60 10 9	141 14 1	978 6 10	738	4. Lismore.
370 0 0	43 6 0	36 10 4	144 17 0	494 13 4	387	5. Cork.
174 0 0	3 8 0	31 15 0	49 4 0	258 7 0	270	Do. (Banden)
27 0 0	—	5 3 2	25 0 0	65 3 2	42	6 <sup>a</sup> . Stillbarrow.
20 0 0	0 7 0	3 2 7	28 0 0	46 9 7	38	6 <sup>a</sup> . Banley.
62 0 0	3 6 0	14 0 8	80 0 0	149 14 8	67	6 <sup>a</sup> . Kenmare.
232 0 0	32 6 0	21 7 7	647 13 10	853 7 6	349	7 <sup>a</sup> . Killarney.
101 0 0	6 0 0	—	60 0 0	167 0 0	91	7 <sup>a</sup> . Waterville.
3,166 0 0	83 10 6	122 6 8	704 18 6	3,066 9 7	1,697	8. Limerick.
193 10 0	7 2 0	17 8 10	66 0 0	258 16 10	304	9 <sup>a</sup> . Galway.
90 0 0	90 2 0	—	—	180 2 0	94	9 <sup>a</sup> . Connemara.
56 0 0	3 0 0	—	9 8 2	68 8 2	134	10 <sup>a</sup> . Ballynakill.
147 0 0	15 10 0	1 12 1	40 0 0	204 2 1	201	10 <sup>a</sup> . Bangor.
266 0 0	92 8 0	7 9 4	200 0 0	565 17 4	321	11. Ballina.
67 0 0	35 0 0	—	321 10 0	423 10 0	91	12. Sligo.
248 0 0	1 0 0	2 16 11	250 11 0	502 6 11	262	13. Ballyshannon.
936 10 0	15 0 0	16 10 8	50 0 0	618 0 8	809	14. Letterkenny.
673 0 0	113 0 0	138 2 2	160 0 0	984 2 2	673	15 <sup>a</sup> . Londonderry.
612 10 0	72 3 0	65 7 6	80 0 0	829 0 6	667	16 <sup>a</sup> . Coleraine.
337 10 0	5 0 0	2 13 4	—	336 8 4	187	16. Ballycastle.
482 10 0	18 10 0	3 2 6	64 0 0	549 0 6	751	17 <sup>a</sup> . Drogheda.
146 0 0	14 2 0	3 10 2	55 7 0	224 6 2	218	17 <sup>a</sup> . Dundalk.
3,725 0 0	949 2 6	566 0 10	3,329 3 7	13,489 6 11	10,445	Total, 1916.
3,518 5 0	684 7 6	526 0 1	3,051 1 4	13,579 13 11	11,070	Total, 1915.

men employed is made up as follows:—

11. Head Weirs ...	1 man.	16. Loop or Frame Nets ...	1 man.
12. Box, Crib, etc. (every 5) ...	2 men.	17. Draft Nets for Pollen ...	2 men.
13. Gap, Eye, etc. ...	2 do.	18. Long Lines ...	3 do.
14. Sweepers ...	6 do.	19. Kelt Trap ...	3 do.
16. Coghills ..	1 man.		

## APPENDIX No. 4.

ABSTRACTS OF ACCOUNTS RECEIVED FROM THE  
DIFFERENT DISTRICTS FOR THE YEAR 1916.

## DUBLIN DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—	—	—	217	18	0
111 Salmon Rod Licences ...	111	0	0			
12 Draft Net Licences ...	36	0	0			
14 Drift Net Licences ...	42	0	0			
2 Pole Net Licences ...	4	0	0			
Total Licence Duty ...	—	—	—	193	0	0
Fines received ...	—	—	—	2	0	10
Rates on Valuations of Fisheries ...	—	—	—	7	10	0
Subscriptions (including £11 18s. from Department of Agriculture and Technical Instruction) ...	—	—	—	46	6	0
Total ...	—	—	—	£466	14	10

The Expenditure was as follows:—

Water Bailiffs ...	107	7	6			
Expenses of Prosecutions ...	3	8	6			
Postage ...	3	1	11			
Printing and Stationery ...	5	6	8			
Travelling and Miscellaneous ...	41	1	4			
Salaries ...	11	0	0			
Proportion of Penalties to Prosecutors	0	15	0			
Purchase of Boat ...	7	15	0			
Commission on Sale of Licences ...	14	14	0			
Total ...	—	—	—	194	9	11
Balance { In Bank ...	269	1	0			
{ In hands of Clerk ...	3	3	11			
	—	—	—	272	4	11
				£466	14	10

## WEXFORD DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—	—	—	311	19	4
107 Salmon Rod Licences ...	107	0	0			
1 Cross Line Licence ...	2	0	0			
76 Draft Net Licences ...	228	0	0			
2 Pole Net „ ...	4	0	0			
Total Licence Duty ...	—	—	—	341	0	0



APPENDIX NO. 4—continued.

	£ s. d.	£ s. d.
Fines received ... ..	—	5 8 2
Rates on Valuations of Fisheries ...	—	20 1 6
Interest on Bank Account ...	—	5 2 8
Total ... ..	—	£683 11 8

The Expenditure was as follows:—

Water Bailiffs ... ..	347 8 7	
Expenses of Prosecutions ... ..	25 0 0	
Postage ... ..	2 2 2	
Printing and Stationery ... ..	4 19 7	
Travelling and Miscellaneous ... ..	24 4 6	
Proportion of Penalties to Prosecutors ... ..	1 6 8	
Total ... ..	—	405 1 6
Balance { In Bank ... ..	277 15 11	
{ In hands of Clerk ... ..	0 14 3	
	—	278 10 2
		£683 11 8

WATERFORD DISTRICT.

	£ s. d.	£ s. d.
Balance from previous year ...	—	878 15 6
260 Salmon Rod Licences ... ..	260 0 0	
121 Snap Net „ ... ..	181 10 0	
19 Draft Net „ ... ..	57 0 0	
86 Drift Net „ ... ..	258 0 0	
1 Bag Net Licence ... ..	10 0 0	
3 Stake Net Licences ... ..	90 0 0	
4 Box or Crib Licences ... ..	40 0 0	
19 Gap or Eye (for taking Eels) Licences ... ..	19 0 0	
Total Licence Duty ... ..	—	915 10 0
Fines and Costs received ... ..	—	16 6 4
Rates on Valuations of Fisheries ...	—	59 9 6
Grant from Department of Agriculture and Technical Instruction ...	—	100 0 0
Moiety of Rewards refunded by Department of Agriculture and Technical Instruction for 21 seals killed „ ... ..	—	10 10 0
Miscellaneous Receipts ... ..	—	3 4 11
Interest on Bank Account ... ..	—	6 10 8
Total ... ..	—	£1,990 6 11

## APPENDIX No. 4—continued.

	£ s. d.	£ s. d.
The Expenditure was as follows:—		
Water Bailiffs ... ..	718 17 6	
Expenses of Prosecutions ... ..	3 4 0	
Postage ... ..	6 3 7	
Printing and Stationery ... ..	9 14 10	
Travelling and Miscellaneous Expenses	51 5 5	
Salaries ... ..	75 0 0	
Insurance of Employees under Workmen's Compensation Acts ...	20 19 3	
Commission on Sale of Licences, &c. ... ..	36 11 3	
Motor Launch Expenses ... ..	3 15 6	
Law Costs ... ..	40 9 6	
Auditor's Fee ... ..	3 3 0	
Rent of Office ... ..	10 0 0	
Rewards for killing Seals ... ..	10 0 0	
Total ... ..	—	989 3 10
Balance in Bank ... ..	—	1,001 3 1
		<hr/>
		£1,990 6 11

## LESMORE DISTRICT.

	£ s. d.	£ s. d.
Balance from previous year ... ..	—	665 4 11
152 Salmon Rod Licences ... ..	152 0 0	
1 Cross Line Licence ... ..	2 0 0	
22 Snap Net Licences ... ..	33 0 0	
15 Draft Net " ... ..	45 0 0	
78 Drift Net " ... ..	234 0 0	
1 Pole Net Licence ... ..	2 0 0	
3 Stake Net Licences ... ..	90 0 0	
1 Box or Crib Licence ... ..	10 0 0	
Total Licence Duty ... ..	—	568 0 0
Fines received ... ..	—	42 0 7
Produce of Sales of Forfeited En- gines ... ..	—	3 6 8
Rates on Valuations of Fisheries ...	—	207 13 0
Subscriptions (including £56 15s. 7d. from Department of Agriculture and Technical Instruction in con- nection with Artificial Propagation and £5 in connection with the destruction of Seals) ... ..	—	141 14 1
Interest on Bank Account ... ..	—	14 1 6
Refund of Insurance ... ..	—	1 11 0
Total ... ..	—	<hr/> £1,643 11 9

APPENDIX No. 4—continued.

The Expenditure was as follows:—				£	s.	d.	£	s.	d.
Water Bailiffs	...	...	...	511	15	6			
Expenses of Prosecutions	...	...	...	3	11	2			
Postage	...	...	...	5	4	1			
Printing and Stationery	...	...	...	6	9	8			
Travelling Expenses	...	...	...	69	3	3			
Miscellaneous Expenses	...	...	...	56	18	4			
Salaries	...	...	...	120	0	0			
Commission on Sale of Licences	...	...	...	28	7	6			
Proportion of Penalties to Prosecutors and Special Rewards to R. I. Constabulary	...	...	...	15	0	0			
Rewards for killing Seals and Otters	...	...	...	11	15	0			
Insurance	...	...	...	26	9	7			
Rates, Rent of Boathouse, Bailiffs' Cottages and Hatcheries	...	...	...	58	9	1			
Expenses of Banteer and Mallow Hatchery	...	...	...	37	16	5			
Launch and Boat Expenses	...	...	...	30	19	8			
Total	...	...	...	—	—	—	981	19	3
Balance—In Bank	...	...	...	672	0	2			
Due to Clerk	...	...	...	10	7	8			
				—	—	—	661	12	6
							£1,643	11	9

CORK DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year	—	—	—	539	8	0
150 Salmon Rod Licences	150	0	0			
37 Draft Net	111	0	0			
3 Drift Net	9	0	0			
Total Licence Duty	—	—	—	270	0	0
Fines received	—	—	—	30	13	4
Rates on Valuations of Fisheries	—	—	—	43	6	0
Subscriptions (including £34 13s. from Department of Agriculture and Technical Instruction)	—	—	—	144	17	0
Interest on Bank Account	—	—	—	5	17	0
Total	—	—	—	£1,034	1	4

The Expenditure was as follows:—

Water Bailiffs	...	...	...	433	19	10
Expenses of Prosecutions	...	...	...	20	15	6
Postage and Stationery	...	...	...	8	5	0
Travelling and Miscellaneous Expenses	...	...	...	54	1	0

## APPENDIX No. 4 - continued.

	£	s.	d.	£	s.	d.
Salaries and Commission ...	141	14	9			
Proportion of Penalties to Prosecutors ...	4	10	0			
Insurance ...	19	10	9			
Purchase of New Launch ...	140	16	0			
Launch and Boat Expenses ...	57	10	6			
Total ...	—			881	3	4
Balance { In Bank, No. 1 Account	15	19	5			
No. 2 Account	100	19	9			
In hands of Clerk ...	35	18	10			
	—			152	18	0
				£1,034	1	4

## COOK DISTRICT (Bandon Division).

	£	s.	d.	£	s.	d.
Balance from previous year ...	—			169	9	11
76 Salmon Rod Licences ...	76	0	0			
1 Cross Line Licence ...	2	0	0			
32 Draft Net Licences ...	96	0	0			
Total Licence Duty ...	—			174	0	0
Fines and Costs received ...	—			30	0	0
Produce of Sale of Boat ...	—			1	15	0
Rates on Valuations of Fisheries ...	—			3	8	0
Subscriptions (including £32 10s. from Department of Agriculture and Technical Instruction) ...	—			49	4	0
Total ...	—			£427	16	11

The Expenditure was as follows:-

Water Bailiffs ...	133	0	0			
Expenses of Prosecutions ...	3	16	6			
Postage and Stationery ...	1	10	0			
Printing and Advertising ...	2	6	1			
Travelling and Miscellaneous Expenses ...	16	5	11			
Salaries ...	60	0	0			
Proportion of Penalties to Prosecutors ...	9	6	8			
Commission on Sale of Licences ...	8	14	0			
Insurance under Workmen's Compensation Acts ...	5	0	0			
National Health Insurance ...	2	1	2			
Bicycle ...	9	2	6			
Total ...	—			251	2	10
Balance in Bank ...	—			176	14	1
				£427	16	11

## APPENDIX No. 4—continued.

## SKIBBEREEN DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—	—	—	34	12	10
12 Salmon Rod Licences ...	12	0	0			
5 Draft Net " ...	15	0	0			
Total Licence Duty ...	—	—	—	27	0	0
Fines and Costs received ...	—	—	—	2	9	8
Grant from Department of Agriculture and Technical Instruction ...	—	—	—	25	0	0
Interest on Bank Account ...	—	—	—	0	13	6
Total ...	—	—	—	£89	16	0

The Expenditure was as follows:—

Water Bailiffs ...	12	12	0			
Postage ...	0	3	9			
Printing and Stationery ...	1	7	0			
Travelling and Miscellaneous ...	4	14	7			
Salaries ...	10	0	0			
Commission on Sale of Licences ...	1	5	0			
Total ...	—	—	—	30	2	4
In Bank ...	—	—	—	59	13	8
				£89	16	0

## BANTAY DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—	—	—	21	2	2
2 Salmon Rod Licences ...	2	0	0			
6 Draft Net Licences ...	18	0	0			
Total Licence Duty ...	—	—	—	20	0	0
Fines received ...	—	—	—	2	13	4
Rates on Valuations of Fisheries ...	—	—	—	0	7	0
Interest on Bank Account ...	—	—	—	0	9	3
Subscriptions (including £9 from Department of Agriculture and Technical Instruction) ...	—	—	—	23	0	0
Total ...	—	—	—	£67	11	9

The Expenditure was as follows:—

Water Bailiffs ...	26	8	0
Expenses of Prosecutions ...	0	17	6
Postage ...	0	7	6
Printing and Stationery ...	0	9	0
Travelling and Miscellaneous Expenses ...	3	3	6
Salaries ...	10	10	0

## APPENDIX NO. 4—continued.

	£	s.	d.	£	s.	d.
Proportion of Penalties to Prosecutors ... ..	0	13	4			
Commission on Sale of Licences ...	1	0	0			
Total ... ..	—			43	8	10
Balance in Bank ... ..	—			24	2	11
				£67	11	9

## KENMARE DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—			51	6	1
21 Salmon Rod Licences ... ..	21	0	0			
7 Draft Net " ... ..	21	0	0			
1 Bag Net Licence ... ..	10	0	0			
Total Licence Duty ... ..	—			52	0	0
Fines received ... ..	—			12	9	8
Produce of Sale of Boat ... ..	—			2	0	0
Rates on Valuations of Fisheries ...	—			3	5	0
Subscriptions (including £60 from the Department of Agriculture and Technical Instruction) ...	—			80	0	0
Total ... ..	—			£201	0	9

The Expenditure was as follows:—

Water Bailiffs ... ..	87	18	3			
Expenses of Prosecutions ... ..	1	0	10			
Postage ... ..	0	10	0			
Printing and Stationery ... ..	1	17	5			
Travelling and Miscellaneous ... ..	3	15	6			
Salaries ... ..	18	0	0			
Proportion of Penalties to Prosecutors ... ..	1	19	0			
Total ... ..	—			115	1	0
Balance in Bank ... ..	86	14	9			
Less outstanding Cheque ... ..	0	15	0			
				85	19	9
				£201	0	9

## WATERVILLE DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—			91	14	0
72 Salmon Rod Licences' ... ..	72	0	0			
3 Draft Net " ... ..	9	0	0			
2 Box or Crib " ... ..	20	0	0			
Total Licence Duty ... ..	—			101	0	0

## APPENDIX No. 4—continued.

	£	s.	d.	£	s.	d.
Rates on Valuation of Fisheries ...	—			6	0	0
Subscriptions (including £40 from the Department of Agriculture and Technical Instruction) ...	—			60	0	0
Total ... ..	—			£258	14	0

The Expenditure was as follows:—

Water Bailiffs ... ..	68	1	0			
Expenses of Prosecutions ...	1	4	0			
Printing and Stationery ...	2	10	6			
Travelling and Miscellaneous Ex- penses ... ..	18	10	0			
Salaries ... ..	60	0	0			
Commission on Sale of Licences ...	5	0	0			
Total ... ..	—			155	5	6
Balance in Bank ... ..	—			103	8	6
				£258	14	0

## KILLARNEY DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year:—						
A Division ... ..	206	19	3			
B „ ... ..	1	8	8			
C „ ... ..	1	15	2			
				210	3	1
115 Salmon Rod Licences ... ..	115	0	0			
39 Draft Net „ ... ..	117	0	0			
Total Licence Duty ... ..	—			232	0	0
Fines received ... ..	—			8	19	4
Miscellaneous ... ..	—			12	8	3
Rates on Valuations of Fisheries ...	—			32	6	0
Subscriptions (including £474 13s. 10d. from the Department of Agriculture and Technical Instruction) ...	—			547	13	10
Total ... ..	—			£1,043	10	6

The Expenditure was as follows:—

Water Bailiffs ... ..	434	9	1
Expenses of Prosecutions ...	4	7	4
Postage ... ..	2	18	9
Printing and Stationery ...	11	7	6
Travelling and Miscellaneous Ex- penses ... ..	101	0	6
Salaries ... ..	90	0	0

## APPENDIX No. 4—continued.

	£	s.	d.	£	s.	d.
Proportion of Penalties to Prosecutors ... ..	2	10	0			
Commission on Sale of Licences ...	13	10	0			
Total				660	3	2
Balance { In Bank ... ..	380	3	6			
{ In hands of Clerk ...	3	3	10			
				383	7	4
				£1,043	10	6

## LIMERICK DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—			1,905	5	8
400 Salmon Rod Licences ... ..	400	0	0			
8 Cross Line ... ..	10	0	0			
18 Snap Net ... ..	27	0	0			
70 Draft Net ... ..	210	0	0			
50 Drift Net ... ..	150	0	0			
4 Pole Net ... ..	8	0	0			
35 Stake Weir ... ..	1,050	0	0			
11 Box or Crib ... ..	110	0	0			
191 Eel Gap ... ..	191	0	0			
Total Licence Duty ... ..	—			2,156	0	0
Fines received ... ..	—			87	18	10
Produce of Sales of Forfeited Engines, Seized Fish, etc. ... ..	—			7	6	6
Rates on Valuations of Fisheries ...	—			83	10	6
Subscriptions (including £562 16s. 5d. from the Department of Agriculture and Technical Instruction) ...	—			704	13	5
Interest on Bank Account ... ..	—			24	3	9
Refund of Insurance ... ..	—			2	16	7
Total ... ..	—			£4,971	15	3

The Expenditure was as follows:—

Water Bailiffs ... ..	2,502	9	5			
Expenses of Prosecutions ... ..	121	16	8			
Postage ... ..	23	13	0			
Printing and Stationery ... ..	28	12	7			
Travelling and Miscellaneous ...	513	12	1			
Salaries ... ..	205	5	0			
Proportion of Penalties to Prosecutors ... ..	35	18	7			
Total				3,431	7	4
Balance { In Bank ... ..	1,186	3	2			
{ In hands of Clerk ...	354	4	9			
				1,540	7	11
				£4,971	15	3



## APPENDIX No. 4—continued.

## GALWAY DISTRICT.

	£	s.	d.	£	s.	d.	
Balance from previous year :—							
In Bank ... ..	34	0	11				
Less due Bank on Petty Cash Account, No. I. ... ..	27	18	11				
					6	2	0
73 Salmon Rod Licences ... ..	73	0	0				
11 Draft Net ... ..	33	0	0				
5 Box or Crib ... ..	50	0	0				
30 Gaps, Eyes or Basket Licences ... ..	30	0	0				
1 Beel Trap ... ..	7	10	0				
Total Licence Duty ... ..	—				193	10	0
Refunds ... ..	—				11	4	2
Fines received ... ..	—				2	19	8
Produce of Sale of Forfeited Engines ... ..	—				3	0	0
Rates on Valuation of Fisheries ... ..	—				7	2	0
Subscriptions (including £40 from Department of Agriculture and Technical Instruction) ... ..	—				65	0	0
						</	

The Expenditure was as follows :—

Water Bailiffs	...	...	...	182	8	2	
Expenses of Prosecutions	...	...	...	2	6	0	
Postage	...	...	...	5	5	3	
Printing and Stationery	...	...	...	2	13	0	
Travelling and Miscellaneous	...	...	...	78	0	9	
Salaries	...	...	...	6	13	4	
Proportion of Penalties to Prosecutors	...	...	...	1	0	0	
<hr/>							
Total	...	...	...	—			278 6 6
Balance	{	In Bank	...	...	31	1	9
		Due to Bank on Petty					
		Cash Account	...	20	10	5	
<hr/>							
							10 11 4
							<hr/>
							£288 17 10

## APPENDIX No. 4—continued.

## No. 2 ACCOUNT.

Abstract of Account with the Corrib Fisheries Association from 1st October 1915, to 30th September, 1916.

	£ s. d.		£ s. d.
Cash received from Corrib Fisheries Association ... ..	125 0 0	Expended by Board on account of the Corrib Fisheries Association Refunded to the Association ... ..	105 8 9
			19 11 3
	<hr/> £125 0 0 <hr/>		<hr/> £125 0 0 <hr/>

## CONNEMARA DISTRICT.

	£ s. d.	£ s. d.
Balance from previous year ... ..	—	90 3 0
86 Salmon Rod Licences ... ..	86 0 0	
4 Gap, Eye or Basket Licences ... ..	4 0 0	—
	<hr/>	
Total Licence Duty ... ..	—	90 0 0
Rates on Valuations of Fisheries ... ..	—	90 2 0
		<hr/>
Total ... ..	—	£270 5 0

The Expenditure was as follows:—

Water Bailiffs ... ..	148 0 0	
Postage ... ..	1 18 6	
Printing and Stationery ... ..	4 10 10	
Travelling and Miscellaneous ... ..	5 15 0	
Salaries ... ..	25 0 0	
Commission on Sale of Licences ... ..	1 11 0	
	<hr/>	
Total ... ..	—	186 15 4
Balance in Bank ... ..	—	83 9 8
		<hr/>
		£270 5 0

## BALLYNAKILL DISTRICT.

	£ s. d.	£ s. d.
Balance from previous year ... ..	—	98 14 1.
38 Salmon Rod Licences ... ..	38 0 0	
16 Draft Net ... ..	48 0 0	
	<hr/>	
Total Licence Duty ... ..	—	86 0 0
Rates on Valuation of Fisheries ... ..	—	3 0 0
Subscriptions ... ..	—	9 8 3
		<hr/>
Total ... ..	—	£197 2 4

## APPENDIX 4.—continued.

The Expenditure was as follows:—				£	s.	d.	£	s.	d.
Water Bailiffs	...	...	...	59	8	3			
Expenses of Prosecutions	...	...	...	12	0	0			
Postage	...	...	...	0	18	7			
Printing and Stationery	...	...	...	2	2	2			
Travelling and Miscellaneous	...	...	...	4	10	0			
Salaries	...	...	...	23	0	0			
Commission	...	...	...	4	14	2			
Total				—			106	13	2
Balance in Bank				—			90	9	2
							£197	2	4

## BANGOR DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year	—			203	19	4
52 Salmon Rod Licences	52	0	0			
16 Drift Net	48	0	0			
9 Drift Net	27	0	0			
2 Bag Net	20	0	0			
Total Licence Duty			—	147	0	0
Fines received			—	0	13	4
Interest on Bank Account			—	0	18	9
Rates on Valuations of Fisheries			—	15	10	0
Grant from Department of Agriculture and Technical Instruction			—	40	0	0
Total			—	£408	1	5

The Expenditure was as follows:—

Water Bailiffs	...	...	120	11	0			
Expenses of Prosecutions	...	...	0	5	0			
Postage	...	...	1	0	0			
Printing and Stationery	...	...	4	19	10			
Travelling and Miscellaneous Expenses	...	...	1	10	0			
Salaries	...	...	30	0	0			
Insurance	...	...	8	0	10			
Office Rent	...	...	1	0	0			
Commission on Sale of Licences	...	...	2	4	0			
Total			—			160	10	8
Balance	In Bank	...	220	19	10			
	In hands of Clerk	...	17	10	11			
						238	10	9
						£408	1	5

## APPENDIX No. 4—continued.

## BALLINA DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—	—	—	221	14	3
46 Salmon Rod Licences ...	46	0	0			
15 Draft Net " ...	45	0	0			
28 Drift Net " ...	84	0	0			
7 Box or Crib " ...	70	0	0			
21 Eel Gap Licences ...	21	0	0			
Total Licence Duty ...	—	—	—	266	0	0
Fines received ...	—	—	—	7	9	4
Rates on Valuations of Fisheries ...	—	—	—	92	8	0
Grant from Department of Agriculture and Technical Instruction ...	—	—	—	200	0	0
Total ...	—	—	—	£787	11	7

The Expenditure was as follows:—

Water Bailiffs ...	523	0	0			
Expenses of Prosecutions ...	49	17	2			
Printing and Stationery ...	8	3	0			
Travelling and Miscellaneous ...	2	3	0			
Salaries ...	40	0	0			
Proportion of Penalties to Prosecutors ...	0	18	8			
Insurance of Employees ...	10	19	9			
Total ...	—	—	—	635	1	7
Balance in Bank ...	—	—	—	152	10	0
				£787	11	7

## SLIGO DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—	—	—	16	16	6
43 Salmon Rod Licences ...	43	0	0			
7 Draft Net " ...	21	0	0			
3 Eel Net " ...	3	0	0			
Total Licence Duty ...	—	—	—	67	0	0
Rates on Valuations of Fisheries ...	—	—	—	35	0	0
Subscriptions (including £80 from the Department of Agriculture and Technical Instruction) ...	—	—	—	321	10	0
Total ...	—	—	—	£440	6	6

The Expenditure was as follows:—

Water Bailiffs ...	339	5	0
Postage ...	1	10	0
Printing and Stationery ...	0	17	0

## APPENDIX No. 4—continued.

			£	s.	d.	£	s.	d.
Travelling and Miscellaneous Ex- penses	...	...	19	19	8			
Salaries	...	...	35	0	0			
Total	...	...				396	11	8
Balance	{ In Bank	...	41	11	0			
	{ In hands of Clerk	...	2	3	10	43	14	10
						£440	6	6

## BALLYSHANNON DISTRICT.

			£	s.	d.	£	s.	d.
Balance from previous year	...	...				251	11	8
60 Salmon Rod Licences	...	...	60	0	0			
6 Cross Line	"	...	12	0	0			
15 Draft Net	"	...	45	0	0			
5 Drift Net	"	...	15	0	0			
3 Pole Net	"	...	6	0	0			
1 Stake Net Licence	...	...	30	0	0			
5 Box or Crib Licences	...	...	50	0	0			
30 Gap or Eye	"	...	30	0	0			
Total Licence Duty	...	...				248	0	0
Fines received	...	...				1	6	8
Rates on Valuations of Fisheries	...	...				1	0	0
Subscriptions	...	...				250	11	0
Interest	...	...				1	9	3
Total	...	...				£753	18	7

The Expenditure was as follows:—

Water Bailiffs	...	...	459	6	8			
Postage	...	...	2	10	0			
Printing and Stationery	...	...	3	2	11			
Travelling and Miscellaneous Ex- penses	...	...	3	19	3			
Salaries	...	...	60	0	0			
Proportion of Penalties to Prose- cutors	...	...	1	6	8			
Auditor's Fee	...	...	2	2	0			
Total	...	...				532	7	6
Balance in Bank	...	...				221	11	1
						£753	18	7

## LETTERKENNY DISTRICT.

			£	s.	d.	£	s.	d.
93 Salmon Rod Licences	...	...	93	0	0			
18 Draft Net	"	...	54	0	0			
117 Drift Net	"	...	351	0	0			

## APPENDIX No. 4—continued.

	£	s.	d.	£	s.	d.
1 Bag Net Licence ... ..	10	0	0			
2 Box Licences ... ..	20	0	0			
16 Loop Net „ ... ..	8	0	0			
1 Gap or Eye Licence ... ..	0	10	0			
Total Licence Duty ... ..	—	—	—	536	10	0
Fines received ... ..	—	—	—	8	0	8
Produce of Sale of Forfeited Engines	—	—	—	0	10	0
Rates on Valuations of Fisheries ...	—	—	—	15	0	0
Interest on Bank Account ... ..	—	—	—	2	0	0
Refund Excess Premium Insurance ...	—	—	—	6	0	0
Grant received from Department of Agriculture and Technical Instruc- tion ... ..	—	—	—	50	0	0
Total ... ..	—	—	—	£618	0	8
Due to Bank ... ..	—	—	—	183	13	0
				£801	13	8
Debit Balance at close of 1915						
Accounts ... ..	30	8	2			
The Expenditure was as follows:—						
Water Bailiffs ... ..	578	0	0			
Expenses of Prosecutions ... ..	23	2	0			
Postage ... ..	4	13	4			
Printing and Stationery ... ..	10	15	1			
Travelling and Miscellaneous ... ..	63	5	1			
Salaries ... ..	80	0	0			
Rewards for killing Seals ... ..	11	10	0			
Total ... ..	—	—	—	£801	13	8

## LONDONDERRY DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ... ..	—	—	—	446	6	3
172 Salmon Rod Licences ... ..	172	0	0			
22 Draft Net „ ... ..	66	0	0			
67 Drift Net „ ... ..	201	0	0			
2 Pole Net „ ... ..	4	0	0			
4 Bag Net „ ... ..	40	0	0			
3 Stake Net „ ... ..	90	0	0			
Total Licence Duty ... ..	—	—	—	573	0	0
Fines received ... ..	—	—	—	38	2	2
Rates on Valuations of Fisheries ...	—	—	—	113	0	0
Subscriptions (including £80 from Department of Agriculture and Technical Instruction) ... ..	—	—	—	160	0	0
Loan received from Foyle and Bann Fishery Company to pay Water Bailiffs ... ..	—	—	—	100	0	0
Total ... ..	—	—	—	£1,430	8	5

## APPENDIX No. 4—continued.

	£	s.	d.	£	s.	d.
The Expenditure was as follows:—						
Water Bailiffs ... ..	1,012	18	9			
Expenses of Prosecutions ... ..	57	16	1			
Printing and Stationery ... ..	1	5	6			
Travelling and Miscellaneous Expenses (including £100 in repayment of loan to Foyle and Bann Fishery Company) ... ..	104	3	9			
Salaries ... ..	83	15	6			
Proportion of Penalties to Prosecutors ... ..	5	18	4			
Commission on Sale of Licences ... ..	1	2	0			
Total ... ..	—	—	—	1,266	19	11
Balance in Bank ... ..	—	—	—	163	8	6
				£1,430	8	5

## COLERAINE DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ... ..	—	—	—	79	12	2
100 Salmon Rod Licences ... ..	100	0	0			
9 Draft Net " ... ..	27	0	0			
11 Drift Net " ... ..	33	0	0			
80 Trammel Net for Pollen Licences ... ..	80	0	0			
1 Bag Net Licence ... ..	10	0	0			
4 Box or Crib Licences ... ..	40	0	0			
46 Coghill " ... ..	138	0	0			
123 Draft Net for Pollen Licences ... ..	184	10	0			
Total Licence Duty ... ..	—	—	—	612	10	0
Fines received ... ..	—	—	—	51	2	1
Rates on Valuations of Fisheries ... ..	—	—	—	72	3	0
Interest on Bank Account ... ..	—	—	—	2	5	5
Rent of Boat House ... ..	—	—	—	2	0	0
Grant from Department of Agriculture and Technical Instruction ... ..	—	—	—	80	0	0
Total ... ..	—	—	—	£899	12	8

The Expenditure was as follows:—

Water Bailiffs ... ..	575	12	3			
Expenses of Prosecutions ... ..	24	0	0			
Postage ... ..	3	11	7			
Printing and Stationery ... ..	9	5	0			
Travelling and Miscellaneous ... ..	107	16	2			
Salaries ... ..	130	0	0			
Proportion of Penalties to Prosecutors ... ..	16	8	0			
Commission on Sale of Licences ... ..	32	5	3			
Total ... ..	—	—	—	898	18	3
Balance in Bank ... ..	—	—	—	0	14	5
				£899	12	8

## APPENDIX No. 4—continued.

## BALLYCASTLE DISTRICT.

	£	s.	d.	£	s.	d.
52 Salmon Rod Licences ... ..	52	0	0			
7 Draft Net " ... ..	21	0	0			
8 Drift Net " ... ..	24	0	0			
13 Bag Net " ... ..	130	0	0			
1 Coghill Licence ... ..	0	10	0			
Total Licence Duty ... ..	—			227	10	0
Fines received ... ..	—			2	13	4
Rates on Valuations of Fisheries ...	—			5	0	0
Total ... ..	—			£235	3	4

The Expenditure was as follows:—

Water Bailiffs ... ..	202	11	3			
Expenses of Prosecutions ... ..	4	4	0			
Postage ... ..	0	7	5			
Printing and Stationery ... ..	0	18	3			
Subscription to Irish Conservators' Association ... ..	1	0	0			
Miscellaneous (including reductions on licences) ... ..	13	10	0			
Salaries ... ..	10	0	0			
Commission on Sale of Licences ...	2	12	5			
Total ... ..	—			£235	3	4

## DUNDALK DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year ...	—			38	16	9
46 Salmon Rod Licences ... ..	46	0	0			
22 Draft Net " ... ..	66	0	0			
1 Pole Net Licence ... ..	2	0	0			
1 Bag Net " ... ..	10	0	0			
1 Head Weir " ... ..	6	0	0			
16 Eel Gap or Eye Licences ... ..	16	0	0			
Total Licence Duty ... ..	—			146	0	0
Fines received ... ..	—			3	16	2
Rates on Valuations of Fisheries ...	—			14	2	0
Subscriptions (including £34 4s. 0d. from Department of Agriculture and Technical Instruction) ...	—			55	7	0
Total ... ..	—			£263	1	11



## APPENDIX NO. 4—continued.

				£	s.	d.	£	s.	d.
The Expenditure was as follows:—									
Water Bailiffs	...	...	...	83	10	0			
Postage	...	...	...	1	0	0			
Travelling and Miscellaneous Ex-									
penses	...	...	...	41	11	10			
Salaries	...	...	...	60	0	0			
Total				—			186	1	10
Balance in Bank				—			77	0	1
							£263	1	11

## DROGHEDA DISTRICT.

				£	s.	d.	£	s.	d.
Balance from previous year				—			175	4	5
94 Salmon Rod Licences	...	...	...	94	0	0			
2 Cross Line	"	...	...	4	0	0			
1 Snap Net	"	...	...	1	10	0			
100 Draft Net	"	...	...	300	0	0			
6 Box or Crib	"	...	...	60	0	0			
23 Eel	"	...	...	23	0	0			
Total Licence Duty				—			482	10	0
Rates on Valuations of Fisheries				—			18	19	0
Subscriptions (including £40 from Department of Agriculture and Technical Instruction)				—			64	9	0
Transfer from Deposit to Current Account (4/1/1916)				—			200	0	0
Interest on Deposit Account				—			3	2	6
Total				—			£944	4	11

The Expenditure was as follows:—

Water Bailiffs	...	...	...	293	8	8
Expenses of Prosecutions	...	...	...	82	17	7
Postage	...	...	...	5	5	1
Printing and Stationery	...	...	...	4	5	11
Travelling and Miscellaneous Ex-						
penses	...	...	...	70	18	2
Salaries	...	...	...	114	7	0
Commission on Collection of Rates	...	...	...	2	16	10
Commission on Sale of Licences	...	...	...	1	14	0

## APPENDIX No. 4—continued.

	£	s.	d.	£	s.	d.
National Health Insurance ...	8	3	9			
Transfer from Current Account to Deposit Account (6/3/1916) ...	200	0	0			
Total ...	—			783	17	0
*Balance in Bank ...	178	6	11			
Pay Orders issued and not pre- sented at Bank ...	17	19	0			
				160	7	11
				£944	4	11

\* There is, in addition, £200 on deposit in bank.

## APPENDIX No. 5.

ABSTRACT of BY-LAWS, ORDERS, &c., which have come into force since the date of the Report for the year 1915.

## SEA, OYSTER, AND MUSSEL FISHERIES.

**Oysters. Tralee Bay.**—Dated 16th March, 1916.

Prohibiting at any time to keep, place, lay or store any oyster in any part of Tralee Bay, or the bays and inlets thereof, east and south of an imaginary line drawn from the western extremity of Sea View Lodge, in the townland of Ballymakegoge, to the eastern extremity of Derrymore Island, in the townland of Derrymore West, or in any part of the said Tralee Bay, or the bays and inlets thereof, east and south of the said Derrymore Island, PROVIDED ALWAYS that this By-Law shall not apply to any person conveying or carrying in any boat or in any basket or other receptacle any oyster, lawfully taken from the natural oyster-beds, or from any oyster-bed in regard to which there exists a legal right to take oysters, exclusive of the public, in any part of the said Tralee Bay, or the bays and inlets thereof, or from any oyster-bed outside Tralee Bay.

**Mussels. Castlemaine Harbour.**—Dated 21st December, 1916..

Fixing the period from 1st day of April, 1917, to 31st day of December, 1918, both said days inclusive, during which it shall not be lawful to take or attempt to take Mussels in that part of Castlemaine Harbour which is bounded by the low water mark of the mainland shores of said harbour, and by straight lines from the bench mark on Cromane Point to Lack Bridge and from said bench mark to Inch Point.

## SALMON AND TROUT.

**Kenmare District.**

**salmon Killed by Explosives or Poison.**—Dated 10th August, 1916.

Prohibiting to have in possession in the No. 6<sup>th</sup>, or Kenmare District, which comprises the whole of the Sea along the Coast and the Tideway between Crow Head and Lamb Head, and all Rivers and their Tributaries that flow into the Sea between Crow Head and Lamb Head, any Salmon or Trout which have been illegally killed by means of dynamite or other explosive, or by poison.

**Sligo District.**

**Taking Fish with the hands, etc.**—Dated 22nd December, 1916.

1. Prohibiting to take or attempt to take fish with the hands (unless such taking or attempting to take fish with the hands is being used as auxiliary to legal fishing), or by shooting or snaring, or by any means whatsoever, save by rod and line or duly licensed and legal engine, or engine used lawfully for the capture of coarse fish, in the Upper or Fresh water portions of all Rivers and their Tributaries in the No. 12,

or Sligo District, or to take or attempt to take Salmon or Trout by shooting in the Tidal Waters of the said District.

2. **Prohibiting** to have in possession between sunrise and sunset for the purpose of taking fish or with the intent to take fish at any season of the year, in or on the Banks of the Upper or Fresh water portions of all Rivers and their Tributaries in the said No. 12, or Sligo District, or on Mill Dams or Weirs on said Rivers, any Pole, Otter, Spear (except an Bel Spear), Lyster, Strokehaul, Gaff or any part or portion of a Gaff (except a Gaff for the purpose of being used solely as auxiliary to fishing legally with rod and line during the periods when Salmon and Trout may be legally captured by rod and line).

3. **Prohibiting** to wade the waters of any River in the Upper or Fresh water portion of the said No. 12, or Sligo District, for the purpose of driving or scaring, or with the intent to drive or scare, fish in such River.

4. **Prohibiting** to beat the waters of any River in the Upper or Fresh water portion of the said No. 12, or Sligo District, with a stick or other implement, or to throw stones or other missiles therein, for the purpose of killing or injuring, or procuring the capture or killing of, fish which may be therein.

#### TIDAL AND FRESHWATER BOUNDARIES OF RIVERS.

**Kilcolgan and Clarinbridge Rivers.**—Dated 19th December, 1917.

Defining the boundary between the tidal and fresh-water portions of (a) the Kilcolgan River to be an imaginary straight line across the seaward faces of the abutments of Kilcolgan Bridge; and of (b) the Clarinbridge River to be an imaginary straight line across the said river in the townlands of Hillpark and Stradhally North, 200 yards below the Clarin Bridge, following the course of the River.

**Owenglin or Clifden River.**—Dated 20th December, 1917.

Defining the boundary between the tidal and fresh-water portions of the Owenglin or Clifden River in the No. 10<sup>1</sup> or Ballinakill District to be an imaginary straight line across the seaward faces of the abutments of Ardhear New Bridge, in the townlands of Clifden and Ardhear, both in the barony of Ballynahinch and County of Galway.

#### APPENDIX No. 6.

TRANSFERS OF FIXED NET CERTIFICATES which have been made since date of last Report.

#### Ballycastle District.

Certificates Nos. 2 and 3 for two Bag Nets to be used in the Sea off the shores of the County of Antrim, were, on 30th June, 1917, transferred to Lieutenant George Cecil Downing Fullerton, of Purley Park, Reading.